

**Notice of Allowability**

Application No.

09/587,204

Examiner

Alina N. Boutah

Applicant(s)

BAHL ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/4/05.
2. ☒ The allowed claim(s) is/are 17-23, 26-36, 38,39.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
- ☒ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other \_\_\_\_\_

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

## **DETAILED ACTION**

### ***Response to Amendment***

This action is in response to Applicant's amendment filed January 3, 2006. In accordance with the decision on appeal, claims 1-16, 24-25 and 37 have been cancelled. Claims 17-23, 26-36 and 38-39 are pending in the present application.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Grillo on January 6, 2006.

Please replace the claims as follows:

Claim 17, a method that automates detection and configuration of network parameters, comprising:

querying a network, the network comprising a plurality of network systems wherein respective network systems include a delay timer with a delay time based on a value of an associated address;

receiving a response from the network; and configuring a network interface before a network identification has been established based upon the response from the network.

Claim 18, the method of claim 17 further comprising: determining a network identification associated with the response; and matching at least one configuration associated with the network identification.

Claim 22, the method of claim 17, further comprising starting a local timer to determine if a response has been received.

Claim 23, the method of claim 17, further comprising starting at least one network system delay timer in order to mitigate network traffic.

Claim 27, the system of claim 26 the Multiple Internet Protocol Configuration (MIPC) service comprising a set of configuration based on at least one of past network configuration and predetermined configurations, the set utilized to match to the network identification.

Claim 31, the system of claim 30, further comprising at least one configuration detector (CD) that provides an association between the NIC and the at least one configuration.

***Allowable Subject Matter***

Claims 17-23, 26-36 and 38-39 are allowed.

Regarding independent claim 17, the Board of Patent Appeals and Interferences (BPAI) decides that the closest prior art of record (Cheston) fails to disclose “a delay timer with a delay

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timer based on a value of an associated address.” None of other prior art of record teaches this element in combination with all other limitations in the claim, therefore, it is allowed.

Claims 18-23 depend on allowed claim, therefore are also allowed.

With respect to independent claim 26, the BPAI decides that Cheston fails to teach “Multiple Internet Protocol Configuration (MIPC) service that matches at least one network configuration stored within the first computer with a network identification associated with the information received from a second computer wherein the match facilitates the first computer in configuring a network interface.” None of other prior art of record teaches this element in combination with all other limitations in the claim, therefore, it is allowed.

With respect to independent claim 34, the BPAI decides that Cheston fails to teach “the first computer system configures the network interface by determining a network identification associated with the network information and matching the at least one configuration with the network identification.” None of other prior art of record teaches this element in combination with all other limitations in the claim, therefore, it is allowed.

Claims 35-36 and 38-39 depend on allowed claim, therefore are also allowed.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

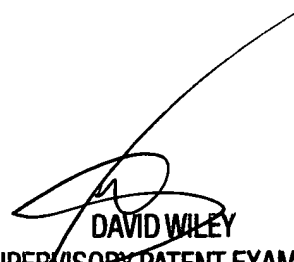
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANB



DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100